

Structural Improvement for Canned Motor-Pump

Abstract

5 The invention is to provide a structural improvement for canned
motor-pump, which has an outer shell arranged at the outside of a stator of
the motor, an inner shell arranged inside the stator to pack a coil, an axis
connected to impeller and bearing seats arranged at two sides of the axis to
support the axis; its characteristics are that the upper edge or bottom edge of
10 the inner shell has bending structure, which is to form at least two grooves
surrounding the inner shell, and the openings of adjacent grooves are
respectively faced the inside and outside of the inner shell, and washers are
arranged inside the grooves; the inner shell is placed in the outer shell, and
the bending structure and washer may be tightly abutted against the outer
15 shell when the bearing seat is secured to the outer shell and, applying such
multiple sealing structure may indeed block liquid from penetrating into the
coil or stator arranged between the inner shell and outer shell.